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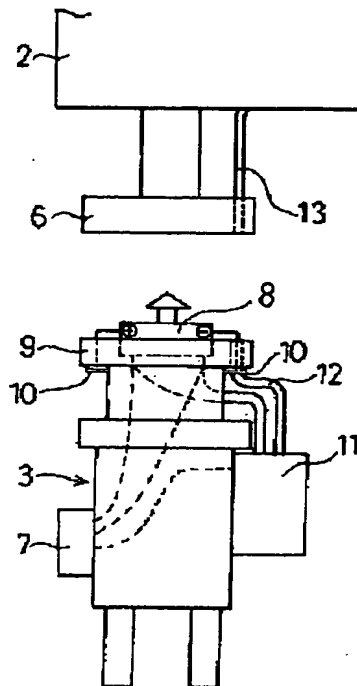
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APPLICATION NUMBER : 03196686

APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

INVENTOR : NAKAMURA HARUJI;

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TITLE : ROBOT HAND



ABSTRACT : PURPOSE: To obviate electric wiring till the tip of a robot arm and allow managing operations with a single signal line.

CONSTITUTION: A robot hand 3 to be mounted removably on a robot arm 2 is fitted with a chargeable battery 8 and a battery electrode 10 to charge the battery 8 in the condition installed on a hand rest, and the battery 8 is charged while the hand 3 is in standby on the hand rest. Thereby electricity can be fed to a hand driving means, sensor 7, etc., even without providing electric wirings for the robot body or robot arm 2. Further the signal line between the robot body and the sensor 7 on the hand 3 can be managed with a single optical fiber cable 12 by means of provision of an optical I/O module 11.

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